

(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2021/0329826 A1 Basler et al.

Oct. 28, 2021 (43) **Pub. Date:**

(54) PROCESSES FOR THE PREPARATION OF TREATED SEEDS

- (71) Applicant: Monsanto Technology LLC, St. Louis, MO (US)
- (72) Inventors: Darrell Allen Basler, Bloomsdale, MO

(US); Damien Douglas Brewer, Creve Coeur, MO (US); Michael Francis Migliazzo, Chesterfield, MO (US): Daniel James Sever, Ballwin, MO

(73) Assignee: Monsanto Technology LLC, St. Louis,

MO (US)

(21) Appl. No.: 16/479,816

(22) PCT Filed: Jan. 19, 2018

(86) PCT No.: PCT/US2018/014340

§ 371 (c)(1),

(2) Date: Jul. 22, 2019

Related U.S. Application Data

Provisional application No. 62/585,112, filed on Nov. 13, 2017, provisional application No. 62/508,601, filed on May 19, 2017, provisional application No. 62/449,065, filed on Jan. 22, 2017.

Publication Classification

- (51) Int. Cl. A01C 1/06 (2006.01)
- U.S. Cl. CPC A01C 1/06 (2013.01)

(57)**ABSTRACT**

Provided herein are processes for the preparation of treated seeds. Generally, the processes described herein include providing a single, solid one-piece body. The single, solid one-piece body has a selected mass and volume. The process further includes reducing the single, solid one-piece body, and contacting the seeds with the seed treatment component.

